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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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### Complete if Known

Application Number	10/006,825
Filing Date	12/05/2001
First Named Inventor	Jackson et al.
Group Art Unit	1772
Examiner Name	Unassigned
Attorney Docket Number	11302-0945 (44040-275991)

Sheet 1 of 15

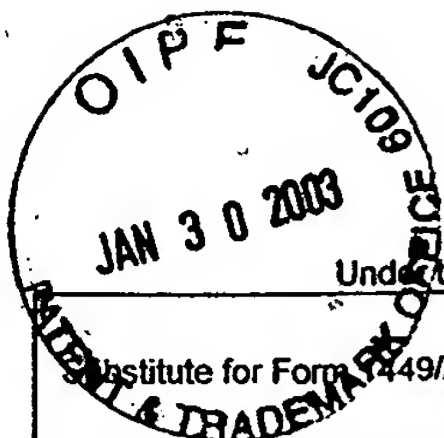
### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
DB	1	RE 25880		Cline	10/65	
	2	RE 28957		Drelich et al.	9/76	
	3	2,185,789		Jacque	1/40	
	4	2,265,913		Lilienfeld	12/41	
	5	2,306,451		Lilienfeld	12/42	
	6	2,831,852		Savage	4/58	
	7	3,097,991		Miller et al	7/63	
	8	3,099,067		Merriam et al.	7/63	
	9	3,340,327		Spellberg	9/67	
	10	3,388,082		Rodgers	6/68	
	11	3,406,688		Cubitt	10/68	
	12	3,435,705		Harmon	12/69	
	13	3,453,261		Scherff	7/69	
	14	3,461,193		Gilardi	8/69	
	15	3,480,016		Costanza et al.	11/69	
	16	3,515,325		Kalwaites	6/70	
	17	3,521,638		Parrish	7/70	
	18	3,546,755		Lynch, Jr.	12/70	
	19	3,561,447		Alexander	2/71	
	20	3,564,677		Kalwaites	2/71	
	21	3,577,586		Kalwaites et al.	5/71	
	22	3,595,454		Kalwaites	7/71	
	23	3,616,797		Champaigne, Jr. et al.	11/71	
	24	3,639,199		Brandts et al.	2/72	
	25	3,654,064		Laumann	4/72	
	26	3,656,672		Kalwaites	4/72	
	27	3,663,348		Liloi et al.	5/72	
	28	3,665,923		Champaigne, Jr.	5/72	
	29	3,670,069		Mitchell et al.	6/72	
	30	3,670,731		Harron	6/72	
	31	3,683,919		Ells	8/72	
	32	3,702,610		Sheppard et al.	11/72	
	33	3,709,876		Glomski	1/73	
	34	3,712,847		Rasmussen	1/73	
	35	3,719,540		Hall	3/73	
	36	3,753,826		Plummer	8/73	
	37	3,800,797		Tunc	4/74	

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.



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DB	38	3,804,092		Tunc	4/74	
	39	3,838,695		Comerford et al.	10/74	
	40	3,839,319		Greminger	10/74	
	41	3,859,125		Miller et al.	1/75	
	42	3,865,918		Mitchell et al.	2/75	
	43	3,867,324		Clendinning	2/75	
	44	3,867,549		Costello et al.	2/75	
	45	3,869,310		Fukushima et al.	3/75	
	46	3,881,210		Drach et al.	5/75	
	47	3,881,487		Schrading	5/75	
	48	3,882,869		Hanke	5/75	
	49	3,897,782		Tunc	8/75	
	50	3,911,917		Hanke	10/75	
	51	3,913,579		Srinivasan et al.	10/75	
	52	3,923,592		George et al.	12/75	
	53	3,926,951		Lindenfors et al.	11/75	
	54	3,939,836		Tunc	2/76	
	55	3,950,578		Laumann	4/76	
	56	3,952,745		Duncan	4/76	
	57	3,976,734		Dunning et al.	8/76	
	58	3,978,257		Ring	8/76	
	59	3,991,754		Gertzman	11/76	
	60	4,005,251		Tunc	1/77	
	61	4,009,313		Crawford et al.	2/77	
	62	4,011,871		Taft	3/77	
	63	4,032,993		Coquard et al.	7/77	
	64	4,035,540		Gander	7/77	
	65	4,073,777		O'Neill et al.	2/77	
	66	4,082,886		Butterworth et al.	4/78	
	67	4,084,033		Drelich	4/78	
	68	4,084,591		Takebe et al.	4/78	
	69	4,092,454		Domoto et al.	5/78	
	70	4,099,976		Kraskin et al.	7/78	
	71	4,112,167		Dake et al.	9/78	
	72	4,117,187		Adams et al.	9/78	
	73	4,136,798		Oberstein	1/79	
	74	4,154,883		Elias	5/79	
	75	4,141,713		Ammannati et al.	2/79	
	76	4,201,216		Mattei	5/80	

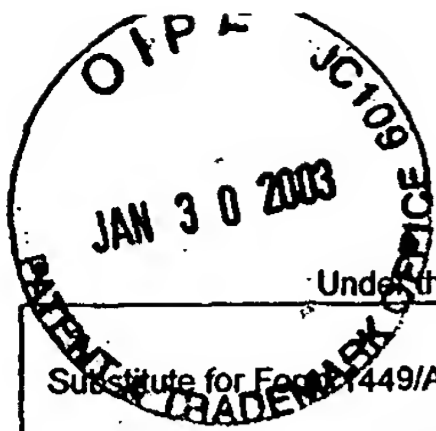
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DB	77 ✓	4,226,753		Lewis et al.	10/80	
	78 ✓	4,245,744		Daniels et al.	1/81	
	80 ✓	4,258,849		Miller	3/81	
	81 ✓	4,301,203		Keuchel	11/81	
	82 ✓	4,306,998		Wenzel et al.	12/81	
	83 ✓	4,332,319		Hurwood	6/82	
	84 ✓	4,343,134		Davidowich et al.	8/82	
	85 ✓	4,343,403		Daniels	8/82	
	86 ✓	4,344,804		Bijen et al.	8/82	
	87 ✓	4,372,447		Miller	2/83	
	88 ✓	4,377,544		Rasmussen	3/83	
	89 ✓	4,377,645		Guthrie et al.	3/83	
	90 ✓	4,385,019		Bernstein et al.	5/83	
	91 ✓	4,419,403		Varona	12/83	
	92 ✓	4,440,105		Jeltema	4/84	
	93 ✓	4,491,645		Thompson	1/85	
	94 ✓	4,496,619		Okamoto	1/85	
	95 ✓	4,511,687		Nakanishi	4/85	
	96 ✓	4,512,279		Damrau et al.	4/85	
	97 ✓	4,528,360		Fujita et al.	7/85	
✓	98 ✓	4,594,389		Lal	6/86	
	99 ✓	4,575,891		Valente	3/86	
	100 ✓	4,585,835		Saegusa	4/86	
	101 ✓	4,588,400		Ring et al.	5/86	
	102 ✓	4,600,404		Sheldon et al.	7/86	
	103 ✓	4,617,235		Shinonome et al.	10/86	
	104 ✓	4,627,950		Matsui et al.	12/86	
	105 ✓	4,638,017		Larson et al.	1/87	
	106 ✓	4,702,947		Pall et al.	10/87	
	107 ✓	4,738,992	A	Larson et al.	4/88	
	108 ✓	4,755,421		Manning et al.	7/88	
	110 ✓	4,792,326		Tews	12/88	
	111 ✓	4,795,668		Krueger et al.	1/89	
	112 ✓	4,814,131		Atlas	3/89	
	113 ✓	4,837,078		Harrington	6/89	
	114 ✓	4,855,132		Heller et al.	8/89	
	115 ✓	4,894,118		Edwards et al.	1/90	
	116 ✓	4,930,942		Keyes et al.	6/90	
	117 ✓	4,966,808		Kawano	10/90	

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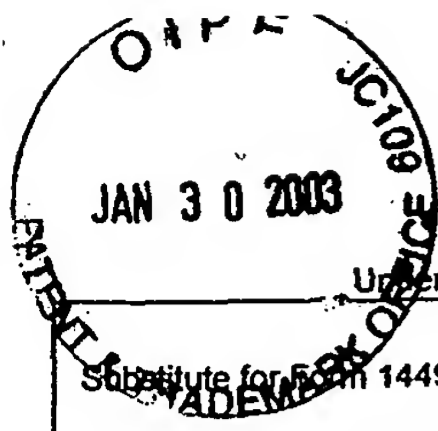
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First Named Inventor	Jackson et al.
Group Art Unit	1772
Examiner Name	Unassigned
Attorney Docket Number	11302-0945 (44040-275991)

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## U.S. PATENT DOCUMENTS

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DB	118	4,998,984		McClendon	3/91	
	119	5,009,652	A	Morgan et al.	4/91	
	120	5,033,172		Harrington	7/91	
	121	5,045,387		Schmalz	9/91	
	122	5,053,482		Tietz	10/91	
	123	5,057,361		Sayovitz et al.	10/91	
	124	5,084,136		Haines et al.	1/92	
	125	5,096,640		Brody et al.	3/92	
	126	5,097,004		Gallagher et al.	3/92	
	127	5,097,005		Tietz	3/92	
	128	5,102,601		Farris et al.	4/92	
	129	5,104,367		Hill	4/92	
	130	5,104,923		Steinwand et al.	4/92	
	131	5,120,598		Robeson et al.	6/92	
DR	132	5,145,727		Potts et al.	9/92	
	133	5,149,335		Kellenberger et al..	9/92	
	134	5,149,576		Potts et al.	9/92	
	135	5,171,308		Gallagher et al.	12/92	
	136	5,171,309		Gallagher et al.	12/92	
	137	5,171,402		Haines et al.	12/92	
	138	5,173,526		Vijayendran et al.	12/92	
	139	5,178,646		Barber, Jr., et al.	1/93	
	140	5,178,812		Sanford et al.	1/93	
	141	5,181,966		Honeycutt et al.	1/93	
	142	5,181,967		Honeycutt	1/93	
	143	5,182,162		Andrusko	1/93	
	144	5,196,470		Anderson et al.	3/93	
	145	5,205,968		Damrow et al.	4/93	
N	146	5,206,064		Scholz	4/93	
	147	5,207,662		James	5/93	
	148	5,207,837		Honeycutt	5/93	
	149	5,208,098		Stover	5/93	
	150	5,216,050		Sinclair	6/93	
	151	5,217,495		Kaplan et al.	6/93	
	152	5,217,798		Brady et al.	6/93	
	153	5,219,646		Gallagher et al.	6/93	
	154	5,227,101		Mahoney et al.	7/93	
	155	5,246,647		Beck et al.	9/93	
	156	5,248,461		Pluyter et al.	9/93	

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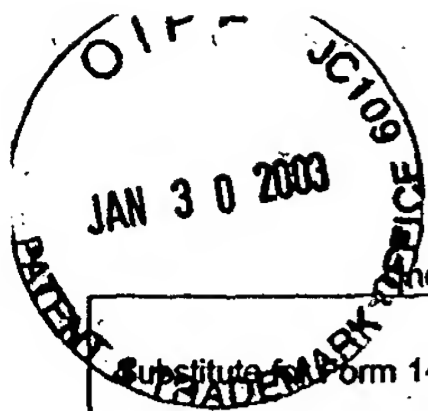
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DB	157 ✓	5,256,417		Koltisko	10/93	
	158 ✓	5,257,982		Cohen et al.	11/93	
	159 ✓	5,264,269		Kakiuchi et al.	11/93	
	160 ✓	5,264,491		Quirk	11/93	
	161 ✓	5,270,358		Asmus	12/93	
	162 ✓	5,281,306		Kakiuchi et al.	1/94	
	163 ✓	5,286,538		Pearlstein et al.	2/94	
	164 ✓	5,295,985		Romesser et al.	3/94	
	165 ✓	5,300,192		Hansen et al.	4/94	
	166 ✓	5,304,420		Hirakawa et al.	4/94	
	167 ✓	5,312,883		Komatsu et al.	5/94	
	168 ✓	5,317,063		Komatsu et al.	5/94	
	169 ✓	5,330,827		Hansen	7/94	
	170 ✓	5,330,832		Liu	7/94	
	171 ✓	5,334,176		Buenger et al.	8/94	
	172 ✓	5,346,541		Goldman et al.	9/94	
	173 ✓	5,356,963		Kauffmann et al.	10/94	
	174 ✓	5,360,826		Egolf et al.	11/94	
	175 ✓	5,366,804		Dugan	11/94	
↓	176 ✓	5,369,155		Asmus	11/94	
	177 ✓	5,384,189		Kuroda et al.	1/95	
	178 ✓	5,393,602		Urry	2/95	
	179 ✓	5,405,342		Roessler et al.	4/95	
	180 ✓	5,407,442		Karapasha	4/95	
	181 ✓	5,409,747		Pearlstein et al.	4/95	
	182 ✓	5,415,643		Kolb	5/95	
	183 ✓	5,415,813		Misselyn et al.	5/95	
	184 ✓	5,437,908		Demura et al.	8/95	
	185 ✓	5,442,016		Jarrett	8/95	
	186 ✓	5,458,591		Roessler et al.	10/95	
	187 ✓	5,466,410		Hills	11/95	
	188 ✓	5,466,518		Issac et al.	11/95	
	189 ✓	5,470,640		Modrak	11/95	
	190 ✓	5,470,941		Kim et al.	11/95	
	191 ✓	5,473,789		Oster	12/95	
	192 ✓	5,476,457		Roessler et al.	12/95	
	193 ✓	5,476,909		Kim	12/95	
	194 ✓	5,486,307		Misselyn et al.	1/96	
	195 ✓	5,500,068		Srinivasan et al.	3/96	

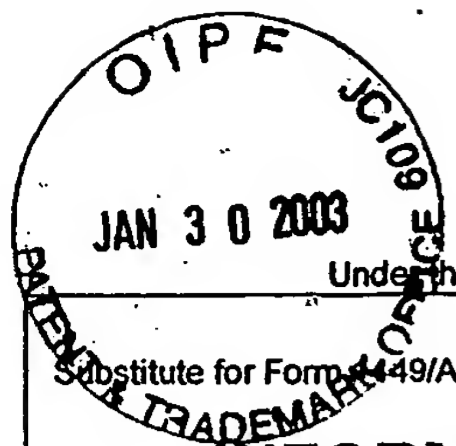
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AS	196	5,500,281		Srinivasan et al.	3/96	
	197	5,514,380		Song	5/96	
	198	5,519,085		Ma	5/96	
	199	5,522,841		Roby	6/96	
	200	5,530,074		Jarrett	6/96	
	201	5,532,300		Koubek et al.	7/96	
	202	5,532,306		Kauffman et al.	7/96	
	203	5,534,178		Bailly et al.	7/96	
	204	5,542,566		Glaug et al.	8/96	
	205	5,545,472		Koubek et al.	8/96	
	206	5,569,230		Fisher et al.	10/96	
	207	5,576,364		Isaac et al.	11/96	
	208	5,578,344		Ahr et al.	11/96	
	209	5,589,545		Ramachandran	12/96	
	210	5,604,195		Misselyn et al.	2/97	
	211	5,612,404		Das et al.	3/97	
	212	5,613,959		Roessler et al.	3/97	
	213	5,616,201		Finch et al.	4/93	
	214	5,618,911		Kirmua	4/97	
	215	5,620,788		Garavaglia et al.	4/97	
	216	5,629,081		Richards et al.	5/97	
	217	5,631,317		Komatsu et al.	5/97	
	218	5,647,862		Osborn III et al.	7/97	
	219	5,647,863		Hammons et al.	7/97	
	220	5,649,336		Finch et al.	7/97	
	221	5,670,110		Dirk et al.	9/97	
	222	5,684,075		Patel et al.	11/97	
	223	5,693,698		Patel et al.	12/97	
	224	5,695,551		Buckingham et al.	12/97	
	225	5,698,322		Tsai et al.	12/97	
	226	5,714,157		Sandell et al.	2/98	
	227	5,725,789		Huber et al.	3/98	
	228	5,725,821		Gannon et al.	3/98	
	229	5,753,246		Peters	5/98	
	230	5,756,112		Mackey	5/98	
	231	5,763,044		Ahr et al.	6/98	
	232	5,763,332		Gordon et al.	6/98	
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	234	5,766,758		Hirakawa et al.	6/98	

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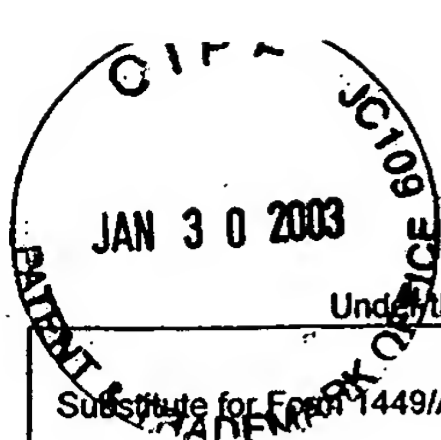
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/006,825
Filing Date	12/05/2001
First Named Inventor	Jackson et al.
Group Art Unit	1772
Examiner Name	Unassigned
Attorney Docket Number	11302-0945 (44040-275991)

Sheet 7 of 15

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
DB	235	5,770,528		Mumick et al.	6/98	
	236	5,786,065		Annis et al.	7/98	
	237	5,795,921		Dyer et al.	8/98	
	238	5,800,417		Goerg-Wood et al.	9/98	
	239	5,837,627		Halabisky et al.	11/98	
	240	5,846,230		Osborn III et al.	8/98	
	241	5,849,805		Dyer	12/98	
	242	5,871,763		Luu et al.	2/99	
	243	5,899,893		Dyer et al.	5/99	
	244	5,916,678		Jackson et al.	6/99	
	245	5,935,384		Taniguchi	8/99	
	246	5,935,880		Wang et al.	8/99	
	247	5,948,710		Pomplun et al.	9/99	
	248	5,952,077		Booth et al.	9/99	
	249	5,952,251		Jackson et al.	9/99	
	250	5,958,187		Bhat et al.	9/99	
	251	5,971,138		Soughan	10/99	
	252	5,972,805		Pomplun et al.	10/99	
	253	5,986,004		Pomplun et al.	11/99	
	254	6,005,045		Klanica	12/99	
	255	6,010,972		Zacharias et al.	1/00	
	256	6,017,832		Yahiaoui et al.	1/00	
	257	6,028,016		Yahiaoui et al.	2/00	
	258	6,031,045		Wei et al.	2/00	
	259	6,042,769		Gannon et al.	3/00	
	260	6,043,317		Mumick et al.	3/00	
	261	6,056,235		Brozinsky	5/00	
	262	6,059,882		Steinhardt et al.	5/00	
M	263	6,059,928		Van Luu et al.	5/00	
	264	6,098,836		Gottselig	8/00	
	265	6,103,858		Yamamoto et al.	8/00	
	266	6,121,170		Tsai et al.	9/00	
	267	6,127,593		Bjorkquist et al.	10/00	
	268	6,132,557		Takeuchi et al.	10/00	
	269	3,582,519		Gomsi, A.E.	6/71	
	270	4,220,244	A	Elmore	9/80	
	271	4,725,489		Jones et al.	2/88	
	272	4,732,797		Johnson et al.	3/88	
	273	4,737,405		Bouchette	4/88	

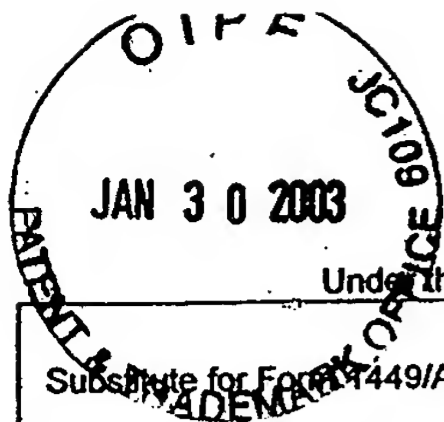
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/006,825
Filing Date	12/05/2001
First Named Inventor	Jackson et al.
Group Art Unit	1772
Examiner Name	Unassigned
Attorney Docket Number	11302-0945 (44040-275991)

Sheet 8 of 15

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		Number	Kind Code <sup>2</sup> (if known)			
RB	274 ✓	4,753,844		Jones et al.	6/88	
	275 ✓	4,740,398		Bouchette	4/88	
	276 ✓	4,772,492		Bouchette	9/88	
	277 ✓	4,772,501		Johnson, et al.	9/88	
	278 ✓	4,781,974		Bouchette et al.	11/88	
	279 ✓	5,049,440		Bornhoeft, III et al.	9/91	
	280 ✓	5,275,699		Allan et al.	1/94	
	281 ✓	5,427,899	A	Avison et al.	6/95	
	282 ✓	5,905,046		Takeda et al.	5/99	
	283 ✓	5,958,555		Takeuchi et al.	9/99	
	284 ✓	5,866,675		Ahmed et al.	2/99	
	285 ✓	5,969,052		Mumick et al.	10/99	
	286 ✓	5,869,596		Ahmed et al.	2/99	
	287 ✓	5,980,673		Takeuchi et al.	11/99	
	288 ✓	6,083,854		Bogdanski et al.	7/00	
	289 ✓	6,123,811		Komarnycky et al.	9/00	
	290 ✓	6,187,141	B1	Takeuchi et al.	2/01	
	291 ✓	6,190,502	B1	Takeuchi et al.	2/01	
	292 ✓	6,194,517	B1	Pomplun et al.	2/01	
	293 ✓	20010053753	A1	Engelhart	12/20/01	
	294 ✓	3,554,788		Fechillas	1/12/71	
	295 ✓	3,606,887		Roeder	9/21/71	
	296 ✓	3,692,725		Duchane	9/19/72	
	297 ✓	3,808,165		Duchane	4/30/74	
	298 ✓	3,946,158		Leclercq et al.	3/23/76	
	299 ✓	4,002,171		Taft	1/11/77	
	300 ✓	4,014,635		Kroyer	3/29/77	
	301 ✓	4,041,203		Brock et al.	8/9/77	
	302 ✓	4,100,324		Anderson et al.	7/11/78	
	303 ✓	4,164,595		Adams et al.	8/14/79	
	304 ✓	4,186,233		Krajewski et. al.	1/29/80	
	305 ✓	4,242,408		Evani et al.	12/30/80	
	306 ✓	4,309,469		Varona	1/5/82	
	307 ✓	4,325,861		Braun et al.	4/20/82	
	308 ✓	4,333,464		Nakano	6/8/82	
	309 ✓	4,343,133		Daniels	8/10/82	
	310 ✓	4,362,781		Anderson	12/7/82	
	311 ✓	4,375,448		Appel et al.	3/1/83	
	312 ✓	4,385,019		Bernstein et al.	5/24/83	

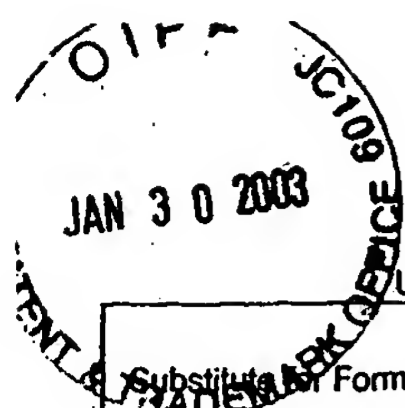
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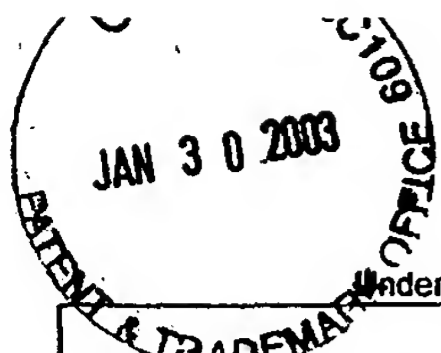
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		Application Number	10/006,825
		Filing Date	12/05/2001
		First Named Inventor	Jackson et al.
		Group Art Unit	1772
		Examiner Name	Unassigned
Sheet 9	of 15	Attorney Docket Number	11302-0945 (44040-275991)

U.S. PATENT DOCUMENTS						
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		Number	Kind Code <sup>2</sup> (if known)			
DB	313 ✓	4,425,126		Butterworth et al.	1/10/84	
	314 ✓	4,592,850		Castner	6/3/86	
	315 ✓	4,640,810		Laursen et al.	2/3/87	
	316 ✓	4,494,278		Kroyer et al.	1/22/85	
	317 ✓	4,537,807		Chan et al.	8/27/85	
↓	318 ✓	4,711,725		Amick	12/8/87	
	319 ✓	4,744,830		Kobayashi et al.	5/17/88	
	<del>320</del>	<del>4,755,421</del>		<del>Manning et al.</del>	<del>7/5/88</del>	
	DB 321 ✓	4,941,989		Kramer et al.	7/17/90	
	322 ✓	4,902,559		Eschwey et al.	2/20/90	
↓	323 ✓	5,026,363		Pratt	6/25/91	
	324 ✓	5,204,104	A	Bolinger et al.	4/20/93	
	325 ✓	5,252,332	A	Goldstein	10/12/93	
	326 ✓	5,292,581	A	Viazmensky et al.	3/8/94	
	<del>327</del>	<del>5,300,192</del>	<del>A</del>	<del>Hansen et al.</del>	<del>4/5/94</del>	
DB	328 ✓	5,350,624	A	Georger et al.	9/27/94	
	329 ✓	5,362,565	A	Murano et al.	11/8/94	
	330 ✓	5,400,982	A	Collins	3/28/95	
	331 ✓	5,439,521	A	Rao	8/8/95	
	332 ✓	5,443,084	A	Saleur	8/22/95	
↓	333 ✓	5,449,127	A	Davis	9/12/95	
	334 ✓	5,449,551	A	Taniguchi	9/12/95	
	335 ✓	5,456,420	A	Frazier	10/10/95	
	336 ✓	5,464,170	A	Mitchell et al.	11/7/95	
	337 ✓	5,480,060	A	Blythe	1/2/96	
↓	338 ✓	5,494,250	A	Chen	2/27/96	
	339 ✓	5,495,997	A	Moody	3/5/96	
	340 ✓	5,509,913	A	Yeo	4/23/96	
	341 ✓	5,516,432		King et al.	5/14/96	
	342 ✓	5,527,171	A	Soerensen	6/18/96	
↓	343 ✓	5,534,229	A	Nomura et al.	7/9/96	
	344 ✓	5,648,083		Blieszner et al.	7/18/97	
	345 ✓	5,667,635	A	Win et al.	9/16/97	
	346 ✓	5,756,625	A	Crandall et al.	5/26/98	
	347 ✓	5,804,203	A	Hahn et al.	9/8/98	
↓	348 ✓	5,807,364	A	Hansen	9/15/98	
	349 ✓	5,858,342	A	Giret et al.	1/12/99	
	350 ✓	5,968,286	A	Crudele et al.	10/19/99	
	351 ✓	5,976,694	A	Tsai et al.	11/2/99	
Examiner Signature		David Butte			Date Considered	7/16/03

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		Application Number	10/006,825
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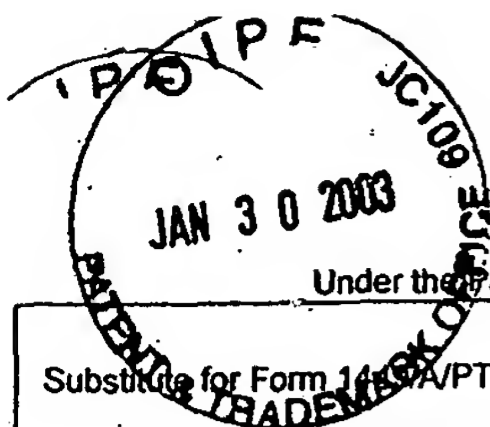
U.S. PATENT DOCUMENTS						
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		Number	Kind Code <sup>2</sup> (if known)			
DB	352 ✓	6,007,585	A	Syed et al.	12/28/99	
	353 ✓	6,093,410	A	Peffly et al.	7/25/00	
	354 ✓	6,171,292	B1	Osborn, III et al.	1/9/01	
	355 ✓	6,218,492	B1	Hill et al.	4/17/01	
	356 ✓	6,238,683	B1	Burnett et al.	5/29/01	
	357 ✓	6,277,768	B1	Mumick et al.	8/21/01	
DB	358 ✓	6,294,186	B1	Beerse et al.	9/25/01	
	359 ✓	6,294,645	B1	Allen et al.	9/25/01	
	360 ✓	3,407,164		Schmidt	10/22/1968	
	361 ✓	3,951,900		Bath	04/20/1976	
	362 ✓	4,251,416		Palmer	02/17/1981	
V	363 ✓	4,543,128		Troesch et al.	09/24/1985	

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Examiner Signature	David Butten	Date Considered	7/16/03
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Application Number	10/006,825
Filing Date	12/05/2001
First Named Inventor	Jackson et al.
Group Art Unit	1772
Examiner Name	Unassigned
Attorney Docket Number	11302-0945 (44040-275991)

Sheet 11 of 15

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
AB	364	EP	0 206 489	A2	University of Southern Miss.	12/30/86		
	<del>365</del>	<del>EP</del>	<del>0 355 254</del>	<del>A</del>	<del>SMRZ Peter</del>	<del>2/28/90</del>		
AB	366	EP	0 525 671	A1	Kabushiki Kaisha Toyota Chuo Kenkyusho	3/2/93		
	367	EP	0 620 256	A3	Nippon Paint Company, Ltd.	19/10/94		
	368	EP	0 937 453	A	Schwartz, Sam	8/25/99		
	369	EP	1 050 297	A2	Fort James Corporation	8/11/00		
	<del>370</del>	<del>EP</del>	<del>0 619 074</del>	<del>A1</del>	<del>Kimberly-Clark Corporation</del>	<del>10/12/94</del>		
AB	371	EP	0 905 313	A2	Uni-Charm Corporation	3/31/99		
	372	JP	06220793	A	Dai Ichi Kogyo Seiyaku Co.	8/9/94		
	373	WO	00/39378	A2	Kimberly-Clark Corporation	7/6/00		
	374	WO	00/38751	A1	Kimberly-Clark Corporation	7/6/00		
	375	WO	99/25318	A1	The Procter & Gamble Co.	5/77/99		
	376	WO	99/07273	A1	The Procter & Gamble Co.	2/18/99		
	377	WO	99/01106	A1	Firmenich S.A.	1/14/99		
	378	WO	01/13880	A1	Unilever PLC et al.	3/1/01		
	379	WO	00/00026	A1	The Procter & Gamble Co.	1/6/00		
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AB	381	CA	2057692		Isolyser. Co. -	10/92		
	382	CA	631395		Merriam, C.N.	11/61		
	383	DE	2513251			9/76		
	<del>384</del>	<del>DE</del>	<del>1719395</del>		<del>Badische Anilin &amp; Soda Fabric</del>	<del>12/70</del>		
AB	385	EP	0 103 902	A1	Tory Uno	3/84		
	386	EP	0 225 800	B1	Minn Mining & Manuf.	5/97		
	387	EP	0 241 127	B1	Rohm & Haas Co.	10/93		
	388	EP	0 303 528	B1	Fiberweb North America, Inc	2/89		
	389	EP	0 358 313	B1	Rohm and Haas Co.	8/93		
	390	EP	0 372 388	B1	Ikoma Seiko Higashi et al.	2/94		
	391	EP	0 411 752	B1	The Dexter Corporation	7/95		
	392	EP	0 421 163	B1	Kao Corporation	11/94		
	393	EP	0 443 627	B1	Kimberly-Clark Worldwide	6/97		
	394	EP	0 445 655	B1	E.I. DuPont De Nemours Co.	6/95		
	395	EP	0 507 878	B1	Minn. Min. & Manuf. Co.	4/95		
	396	EP	0 510 572	B1	Air Products & Chemicals	6/97		
	397	EP	0 531 112	B1	Crecia Corporation	3/98		
	398	EP	0 549 988	B1	Kimberly-Clark Worldwide	6/98		
	399	EP	0 552 762	B1	Minn. Min. & Manf. Co.	8/95		

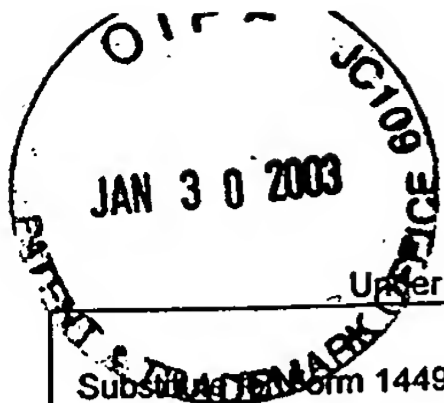
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Sheet 12 of 15

**Complete if Known**

Application Number	10/006,825
Filing Date	12/05/2001
First Named Inventor	Jackson et al.
Group Art Unit	1772
Examiner Name	Unassigned
Attorney Docket Number	11302-0945 (44040-275991)

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
03	400 ✓	EP	0 572 569	B1	H.B. Fuller Licens. & Finan.	12/94		
	401 ✓	EP	0 580 764	B1	Minn. Mining and Manf. Co.	1/97		
	402 ✓	EP	0 580 811	B1	Bioelastics Research Ltd.	8/99		
	403 ✓	EP	0 582 123	B1	Air Prod. and Chemicals, Inc	2/94		
	404 ✓	EP	0 597 978	B1	Pearlstein	3/96		
	405 ✓	EP	0 598 204	B1	Kimberly-Clark Corporation	12/97		
	406 ✓	EP	0 601 518	A1	Air Products & Chem. Inc.	6/94		
	407 ✓	EP	0 608 460	A1	Lion Corporation	8/94		
	408 ✓	EP	0 613 675	A1	Johnson&Johnson Cons.Prod			
	409 ✓	EP	0 637 950	B1	The Procter & Gamble Co.	7/98		
	410 ✓	EP	0 639 381	A1	Kimberly-Clark Corporation	2/95		
	411 ✓	EP	0 648 871	A1	Kuraray Co.	4/95		
	412 ✓	EP	0 671 496	B1	BBA Nonwovens	4/99		
	413 ✓	EP	0 672 787	A2	James River Corp. of VA	9/95		
	414 ✓	EP	0 689 817	A2	Kimberly-Clark Corporation	1/96		
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	416 ✓	EP	0 699 727	B1	Nat'l Starch & Chem. Invt.	9/99		
	417 ✓	EP	0 706 361	B1	The Procter & Gamble Co.	3/99		
	418 ✓	EP	0 726 068	A2	E.R. Squibb & Sons	8/96		
	419 ✓	EP	0 765 649	A2	Kimberly-Clark Corporation	4/97		
	420 ✓	EP	0 766 755	B1	Acordis Fibres (Holdings)	12/99		
	421 ✓	EP	0 766 756	B1	Courtaulds Fibres (Holdings) L	9/98		
	422 ✓	EP	0 768 425	A2	James River Corp. of VA	4/97		
	423 ✓	EP	0 779 387	A2	National Starch & Chem. Inv	6/97		
	424 ✓	EP	0 781 538	A2	H.B. Fuller Licen. & Financ.	7/97		
	425 ✓	EP	0 761 795	A2	National Starch & Co.	3/97		
	426 ✓	EP	0 792 144	B1	The Procter & Gamble Co.	12/98		
	427 ✓	EP	0 793 743	B1	Kimberly-Clark Worldwide	3/00		
	428 ✓	EP	0 801 157	A2	Kuraray Co. Ltd.	10/97		
	429 ✓	EP	0 802 282	A4	Uni-Charm Corporation	10/97		
	430 ✓	EP	0 807 704	A1	Basf AG	11/97		
	431 ✓	EP	0 864 418	A2	Uni-Charm Corporation	9/98		
	432 ✓	EP	0 873 100	B1	The Procter & Gamble Co.	10/98		
	433 ✓	EP	0 875 233	A1	Fort James Corporation	11/98		
	434 ✓	EP	0 904 933	A2	Uni-Charm Corporation	3/99		
	435 ✓	EP	0 945 536	A2	Uni-Charm Corporation	9/99		
	436 ✓	EP	1 024 225	A1	Uni-Charm Corporation	8/00		
	437 ✓	EP	1 046 747	A1	Uni-Charm Corporation	10/00		

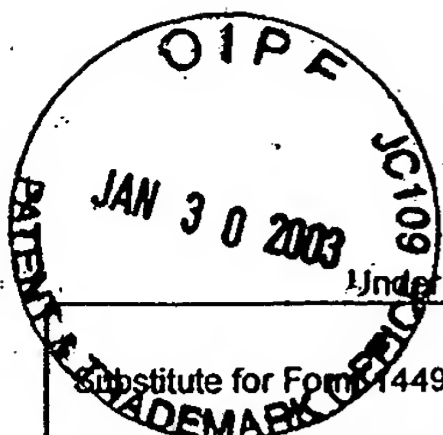
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.



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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/006,825
Filing Date	12/05/2001
First Named Inventor	Jackson et al.
Group Art Unit	1772
Examiner Name	Unassigned
Attorney Docket Number	11302-0945 (44040-275991)

Sheet 13 of 15

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
DS	438	EP	0 654 492	B1	Mitsui Chemicals, Inc.	5/95		
	<del>439</del>	<del>EP</del>	<del>0 802 804</del>	<del>B1</del>	<del>The Procter &amp; Gamble Co.</del>	<del>10/97</del>		
	<del>440</del>	<del>EP</del>	<del>0 829 503</del>	<del>B1</del>	<del>The Procter &amp; Gamble Co. 1</del>	<del>10/97</del>		
	<del>441</del>	<del>FR</del>	<del>2672788</del>		<del>Peel-Jee-Lee</del>	<del>8/92</del>		
AS	442	JP	4943114		Nippon Synth. Chem.	11/74		
	443	JP	5125123	A1	Lion Corp.	5/93		
	444	JP	6172453	A1	Lion Corp	6/94		
	445	JP	8239428	A1	Lion K.K.	9/96		
	446	RU	705013		Kiev Light Ind. Tech.	12/79		
	447	WO	90/03156	A1	Lyson Limited	4/90		
	448	WO	93/07199	A1	E.I. Dupont de Nemones	4/93		
	449	WO	94/25189	A1	Honeycutt, Travis	11/94		
	450	WO	95/18191	A1	Eastman Chem. Corp.	7/95		
	451	WO	96/12615	A1	Scott Paper Co.	5/96		
	452	WO	96/21475	B1	The Procter & Gamble Co.	7/96		
	453	WO	96/30576	A1	Kimberly-Clark Tissue Co.	10/96		
	454	WO	97/02375	A1	Kimberly-Clark Worldwide	1/97		
	455	WO	97/02376	A1	Kimberly-Clark Worldwide	1/97		
	456	WO	97/16597	A1	Uni-Charm Corporation	5/97		
	457	WO	97/18784	A1	The Procter & Gamble Co.	5/97		
	458	WO	97/47227	A1	Kimberly-Clark Worldwide	12/97		
	459	WO	98/29501	A1	Kimberly-Clark Worldwide	7/98		
	460	WO	98/36117	A1	Kimberly-Clark Worldwide	8/98		
	<del>461</del>	<del>WO</del>	<del>98/41577</del>	<del>A1</del>	<del>Kimberly-Clark Worldwide</del>	<del>9/98</del>		
AS	462	WO	98/44181	A1	Kimberly-Clark Worldwide	10/98		
	463	WO	98/48684	A1	Kimberly-Clark Worldwide	11/98		
	464	WO	99/06523	A1	The Procter & Gamble Co.	2/99		
	465	WO	98/53006	A1	Kimberly-Clark Worldwide	11/98		
	466	EP	0 408 199	A1	W.R. Grace & Co.	1/16/91		
	467	EP	0 619 074	A1	Kimberly-Clark Corporation	10/12/94		
	468	EP	0 634 466	A2	National Starch & Chemical	1/18/95		
	469	EP	0 654 492	B1	Mitsui Chemicals, Inc.	5/24/95		
	470	EP	0 773 315	B1	Ahmed	5/10/00		
	471	EP	0 801 172	A1	Uni Charm Corporation	10/15/97		
	472	EP	0 802 804	B1	The Procter & Gamble Co.	10/29/97		
	473	EP	0 829 503	B1	Mitsui Chemicals, Inc.	3/18/98		
	474	EP	0 873 100	B1	The Procter & Gamble Co.	10/28/98		
	475	EP	0 896 089	A1	Uni-Charm Corporation	2/10/98		

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## Complete if Known

Application Number	10/006,825
Filing Date	12/05/2001
First Named Inventor	Jackson et al.
Group Art Unit	1772
Examiner Name	Unassigned
Attorney Docket Number	11302-0945 (44040-275991)

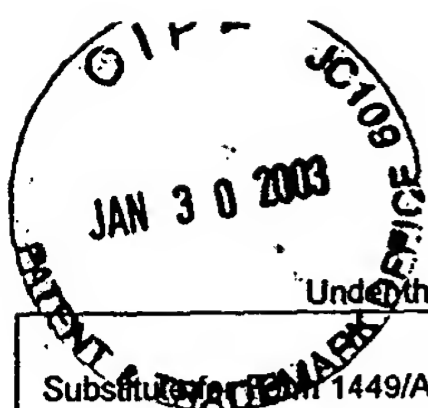
## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
DB	476	EP	1 039 024	A1	Uni-Charm Corporation	9/27/00		
	477	EP	1 065 302	A1	Pigeon Corporation	1/3/01		
	478	GB	1 452 325		Tyropolis	10/13/76		
	479	WO	91/14413	A1	Disposables & Diapers Development Limited	10/3/91		
	480	WO	96/21475	A1	The Procter & Gamble Co.	7/18/96		
	481	WO	98/26808	A3	Procter & Gamble Co.	6/25/98		
	482	WO	98/29461	A1	Kimberly-Clark Worldwide	7/9/98		
	483	WO	98/44141	A2	Univ. of British Columbia	10/8/98		
	484	WO	98/57608	A1	The Procter & Gamble Co.	12/23/98		
	485	WO	00/39373	A1	Pigeon Corporation	7/6/00		
	486	WO	00/59427	A1	Kimberly-Clark Worldwide	10/12/00		
	487	JP	62 33809	A	Shizu Kubota	8/23/94		
	488	WO	97/10100	A1	The Procter & Gamble Co.	3/20/97		
	<del>489</del>	<del>EP</del>	<del>0 027 997</del>	<del>A1</del>	<del>Pluss-Stauter AG</del>	<del>05/06/1981</del>		
DB	490	EP	0 315 466	A2	The Dow Chemical Company	05/10/1989		

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Examiner Signature	<i>David P. Putt</i>	Date Considered	7/16/03
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		Filing Date	12/05/2001
		First Named Inventor	Jackson et al.
		Group Art Unit	1772
		Examiner Name	Unassigned
Sheet 15 of 15	Attorney Docket Number	11302-0945 (44040-275991)	

OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
DA	491 ✓	Patent Abstract Japan, JP 06-207324 (Unitika Ltd.), 7/26/94.	
	492 ✓	Robeson, L.M., et al., "Microfiber Formation: Immiscible Polymer Blends Involving Thermoplastic Poly(vinyl Alcohol) as an Extractable Matrix", <i>J. Applied Polymer Science</i> , Vol. 52, pp. 1837-1846 (1994).	
	493 ✓	D 5034-11, "Standard Test Method for Breaking Force and Elongation of Textile Fabrics (Grab Test)," 1994 Ann. Book of ASTM Standards, Vol. 7.02, pp. 708-709 (1994).	
	494 ✓	Abstract Derwent WPI, JP 5-179548 (Lion Corp), 7/20/93).	
	495 ✓	Abstract Derwent WPI and JAPIO, JP 03-239709 (Lion Corp) 10/25/91	
	496 ✓	Carlsson et al., "Thermal Gelation of Nonionic Cellulose Ethers and Ionic Surfactants in Water", <i>Colloids and Surfaces</i> , Vol. 47, pp. 147-165 (1990).	
	497 ✓	Abstract Derwent WPI, J: 1-306661 (Lion Corp) 12/11/89	
	498 ✓	Chowdhury et al., "Direct Observation of the Gelatin of Rodlike Polymers", <i>Poly. Mat. Sci. and Eng.</i> , Vol. 59, pp. 1045-1052 (9/88).	
	499 ✓	Abstract Derwent WPI and JAPIO, JP 63/139906 (Lion Corp.) 6/11/88	
	500 ✓	Nagura et al., "Temperature-Viscosity Relationships of Aqueous Solutions of Cellulose Ethers", <i>Kobunshi Ronbunshu</i> , Vol. 38 (3), pp. 133-137 (8/80).	
	501 ✓	Stafford et al., "Temperature Dependence of the Disintegration times of compressed tablets containing hydroxypropylcellulose as binder", <i>J. Pharm. Pharmac.</i> , Vol. 30, pp. 1-5 (8/77).	
	502 ✓	Govindan, T.S., "Process for Making Smooth Vapro-Permeable Microporous Sheet Material", <i>Defensive Publication</i> , Vol. T901 (007), (8/72).	
	503 ✓	Patent Abstract Japan, No. 01207457 (Uni-Charm Corp.), 8/21/89.	
	504 ✓	Patent Abstract Japan, No. 02082925 (Kinpou Seish KK), 3/23/90.	
	505 ✓	Patent Abstract Japan, No. 02221489 (Kanetoyo Seishi KK), 9/4/90.	
	506 ✓	Patent Abstract Japan, No. 03167400 (Nichirin Kagaku Kogyo KK), 7/19/91.	
	507 ✓	Patent Abstract Japan, No. 03213596 (S T Chem Co. Ltd Japan Vilene Co. Ltd), 9/18/91.	
	508 ✓	Patent Abstract Japan, No. 05003248 (Seiko Instr. Inc.), 1/8/93.	
VT	509 ✓	Patent Abstract Japan, No. 06192527 (Nichiyu Giken Kogyo KK), 7/12/94.	
	510 ✓	Patent Abstract Japan, No. 06207162 (S T Chem Co. Ltd.), 7/26/94.	
	511 ✓	Patent Abstract Japan, No. 09131388 (Kaminaga Taira), 5/20/97.	
	512 ✓	Patent Abstract Japan, No. 09132896 (Uni Charm Corp.), 5/20/97	
	513 ✓	Patent Abstract Japan, No. 09132897 (Uni Charm Corp.), 5/20/97.	
	514 ✓	Patent Abstract Japan, No. 10277088 (Kao Corp.), 10/20/98.	
	515 ✓	Abstract Derwent WPI, JP 62141199 (Agency of Ind Sci & Technology), 6/24/87.	
	516 ✓	The Encyclopedia of Chemistry, 3 <sup>rd</sup> Ed., p. 14, 1974.	
	517 ✓	Abstract Derwent WPI, JP 63 294851 (Takasago Perfumery Co), 12/01/1988	
	518 ✓	Patent Abstract Japan, No. 81035703 (Asahi Dow Ltd (ASAF)), 08/10/84	

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Examiner Signature	David Butcher	Date Considered	7/16/03
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